

Product Datasheet

Sumo 2/3 (3F7) Mouse mAb

Catalog No: AB3417

Reactivity: Human

Isotype: Mouse IgG2b

Applications: WB



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Information

UniProt ID: P61956/P55854

All Names: HSMT3; SMT3B; SUMO3; Smt3A; SMT3H2; SMT3A; Smt3B; SMT3H1; SUMO-3

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

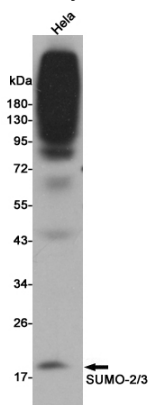
Molecular Wt.: kDa

Application

WB 1:500-1:1000

Background

Swiss-Prot Acc.P61956,P55854.SUMO proteins, such as Sumo 2 and Sumo 3, post-translationally modify numerous cellular proteins and affect their metabolism and function. However, unlike ubiquitination, which targets proteins for degradation, sumoylation participates in a number of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability. Sumo 2 and Sumo 3 are highly homologous, hence it is very difficult to produce antibodies which distinguish them.



Western blot detection of SUMO-2/3 in HeLa cell lysates using SUMO-2/3 mouse mAb(dilution 1:1000).

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